

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 03/00025

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C08B37/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C08B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
WPI Data, PAJ, CHEM ABS Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 01, 28 February 1995 (1995-02-28) & JP 06 293801 A (NIPPON SUISAN KAISHA LTD; OTHERS: 01), 21 October 1994 (1994-10-21) abstract & DATABASE WPI Week 199502 Derwent Publications Ltd., London, GB; AN 1995-009639 & JP 06 293801 A (KYOWA TEKUNOSU LTD), 21 October 1994 (1994-10-21) abstract --- -/-	1,4,5, 8-10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *Z* document member of the same patent family

Date of the actual completion of the international search

3 April 2003

Date of mailing of the international search report

17/04/2003

Name and mailing address of the ISA

European Patent Office, P.O. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Mazet, J-F

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/00025

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 013, no. 472 (C-647), 25 October 1989 (1989-10-25) & JP 01 185301 A (KURITA WATER IND LTD), 24 July 1989 (1989-07-24) abstract	16, 19, 20, 23-25
X	PATENT ABSTRACTS OF JAPAN vol. 014, no. 250 (C-0723), 29 May 1990 (1990-05-29) & JP 02 069502 A (K I KASEI KK), 8 March 1990 (1990-03-08) abstract & DATABASE CHEMABS 'Online! Chemical Abstracts Service, Columbus, Ohio, US; retrieved from STN Database accession no. 113:25846 abstract	1-3, 8-10
X	WO 91 09163 A (KEMIRA OY SAETERI) 27 June 1991 (1991-06-27) page 5, line 35 -page 6, line 13 page 6, line 29 -page 7, line 3 example 2	31-39
X	DATABASE CHEMABS 'Online! Chemical Abstracts Service, Columbus, Ohio, US; retrieved from STN Database accession no. 123:172489 XP002236421 abstract & PL 160 897 A (INSTYTUT WLOKIEN CHEMICZNYCH) 30 April 1993 (1993-04-30)	31-39
A	DATABASE CHEMABS 'Online! Chemical Abstracts Service, Columbus, Ohio, US; retrieved from STN Database accession no. 128:296087 XP002236422 abstract & LIU YANRU ET AL.: FUJIAN SHIFAN DAXUE XUEBAO, vol. 13, no. 3, 1997, pages 67-70,	1-39
A	FR 2 702 144 A (SOCIETE LA BIOCHIMIE APPLIQUEE) 9 September 1994 (1994-09-09) claims; example 1	1

-/-

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/00025

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DATABASE WPI Section Ch, Week 198836 Derwent Publications Ltd., London, GB; Class A11, AN 1988-252801 XP002236423 & JP 63 182304 A (DAICEL CHEM IND LTD), 27 July 1988 (1988-07-27) abstract -----	1
A	DATABASE WPI Section Ch, Week 199951 Derwent Publications Ltd., London, GB; Class A11, AN 1997-161509 XP002236424 & JP 02 969431 B (KITOSAN SHOKUJIN KOGYO KK), 2 November 1999 (1999-11-02) abstract -----	1
A	US 4 970 150 A (YAKU ET AL.) 13 November 1990 (1990-11-13) claims -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 03/00025

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 06293801	A	21-10-1994	NONE	
JP 01185301	A	24-07-1989	JP 1904820 C JP 6029281 B	08-02-1995 20-04-1994
JP 02069502	A	08-03-1990	JP 2763112 B2	11-06-1998
WO 9109163	A	27-06-1991	FI 895893 A AU 6888591 A WO 9109163 A1	09-06-1991 18-07-1991 27-06-1991
PL 160897	A	30-04-1993	PL 160897 B1	30-04-1993
FR 2702144	A	09-09-1994	FR 2702144 A1	09-09-1994
JP 63182304	A	27-07-1988	JP 2054975 C JP 7080921 B	23-05-1996 30-08-1995
JP 2969431	B	04-02-1997	JP 2969431 B2 JP 9031104 A	02-11-1999 04-02-1997
US 4970150	A	13-11-1990	JP 2020292 A	23-01-1990